

The Darwin Cluster @ LANL

Evaluating the Evolution of HPC

Co-Processor Evolution: Dual-GPUs per Node

49 nodes: AMD FireGL v7800 GPU x2



49 nodes: NVIDIA Tesla C2050 GPU x2

18 nodes: NVIDIA Quadro 5000 GPU



NVIDIA®



- Multiple architectures to test portability and performance of GPU code
- Multi-GPU performance evaluation

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